

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
 )  
Takachio, et al. ) Group Art Unit: Unassigned  
 )  
Application No.: Unassigned ) Examiner: Unassigned  
 )  
Filed: Herewith )  
 )  
For: NODE APPARATUS, OPTICAL )  
WAVELENGTH DIVISION MULTI- )  
PLEXING NETWORK, AND SYSTEM )  
SWITCHING METHOD )

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the subject application as follows:

**IN THE CLAIMS:**

22. (Amended) The optical wavelength division multiplexing network as described in Claim 1 [one of Claims 1, 6, 13, 15, and 17,] wherein communication between said ONU and said access nodes is doubled by using radio communications.

23. (Amended) The optical wavelength division multiplexing network as described in Claim 1 [one of Claims 1, 6, 13, 15, and 17,] said optical multiplexer/de-multiplexer provided at said access node being provided at a remote terminal instead.

**PLEASE ADD THE FOLLOWING CLAIMS:**

--46. The optical wavelength division multiplexing network as described in Claim 6 wherein communication between said ONU and said access nodes is doubled by using radio communications.

47. The optical wavelength division multiplexing network as described in Claim 13 wherein communication between said ONU and said access nodes is doubled by using radio communications.

48. The optical wavelength division multiplexing network as described in Claim 15 wherein communication between said ONU and said access nodes is doubled by using radio communications.

49. The optical wavelength division multiplexing network as described in Claim 17 wherein communication between said ONU and said access nodes is doubled by using radio communications.

50. The optical wavelength division multiplexing network as described in Claim 6 wherein said optical multiplexer/de-multiplexer provided at said access node is provided at a remote terminal instead.

51. The optical wavelength division multiplexing network as described in Claim 13 wherein said optical multiplexer/de-multiplexer provided at said access node is provided at a remote terminal instead.

52. The optical wavelength division multiplexing network as described in Claim 15 wherein said optical multiplexer/de-multiplexer provided at said access node is provided at a remote terminal instead.

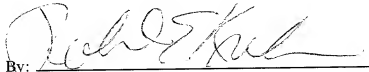
53. The optical wavelength division multiplexing network as described in Claim 17 wherein said optical multiplexer/de-multiplexer provided at said access node is provided at a remote terminal instead.--

**REMARKS**

The claims of the subject application have been amended to avoid multiple dependency. Favorable consideration of the subject application is respectfully requested.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
Robert E. Krebs  
Registration No. 25,885

Post Office Box 1404  
Alexandria, Virginia 22313-1404  
(650) 622-2300

Date: February 16, 2001